



ECSS

Expeditionary Combat Support System

“Enabling process and operations changes by providing new technologies and capabilities”

FACT SHEET

What is the Expeditionary Combat Support System (ECSS)?

ECSS is the COTS based system that will enable the eLog21 future logistics vision. ECSS will leverage an Enterprise Resource Planning (ERP) system as its primary system. An ERP is a commercial technology solution that integrates financials, manufacturing, distribution, and other business functions in a single technology solution. In other words, it is a technology system that enables the seamless flow of information across an organization using a comprehensive set of interconnected modules. A core technology system like an ERP also creates the standardization of business processes and tools across the entire enterprise, regardless of program or site.

How is ECSS being implemented within the eLog21 campaign?

As the figure depicts, ECSS is a component of the larger eLog21 systems architecture and consists of modules that will integrate financials, order management, purchasing, inventory management, distribution, and other business functions of the Air Force onto one platform. ECSS will enable coordination of the systems and process changes necessary to streamline and improve the Air Force logistics supply chain.

Specifically, ECSS will replace over 700 legacy Air Force information technology systems with a Commercial-Off-the-Shelf (COTS) information technology suite. This suite consists of over ten integrated modules with software/hardware and embedded/updateable best business practices, as well as capabilities in product support and engineering; supply chain management; expeditionary logistics C2; and maintenance, repair, and overhaul.

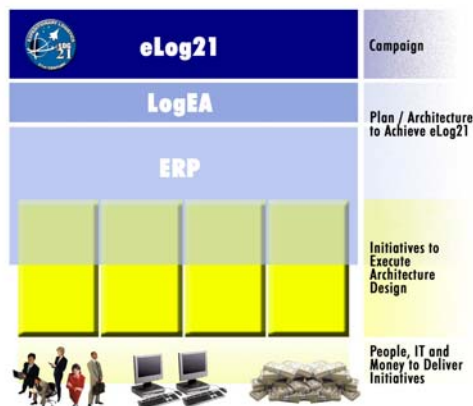
How will ECSS be funded?

ECSS will be funded through multiple sources and program elements as follows:

- 3600 funded developmental work will be realigned with ECSS
- 3400 legacy information technology funding will be incrementally realigned to ECSS
- Supply and depot maintenance Capital Purchase Program (CPP) funds

What is the timeline for implementing ECSS?

ECSS will be developed and implemented from 2004 - 2012, with final implementation occurring in 2012. All of Air Force logistics will be affected by ECSS, which makes such a timeframe necessary. The initial tasks that will be performed during this time period include selecting the hardware and software and selecting the systems integrator. The subsequent tasks include: functional and technical design, prototype development, system configuration, deployment, rollout, and training.



How will the Air Force look tomorrow as a result of ECSS?

Today, the Air Force information technology environment includes over 700 systems. Many are duplicative, stand-alone and ineffective. There is also a multitude of metrics with competing goals. Non-standardized reporting exists causing credibility issues and time-inefficiencies. In addition, there is limited visibility across the supply chain. No one knows what parts are available at different sites and personnel can't plan for maintenance.

Tomorrow, ECSS will create an enterprise-wide solution, which will exploit cutting edge technology and create an integrated data environment. There will be enterprise-wide Key Process Indicators or KPIs and metrics that will drive the Air Force to improve readiness and mission capability, while reducing costs. There will be enhanced and standardized reporting, leveraging the integrated data environment. ECSS will provide universal access and visibility to consistent, near real-time information allowing for pro-active planning and scheduling and total asset visibility across the enterprise.

Overall, the benefits of implementing ECSS include:

- enables greater combat support capability to Joint and Air Force commanders and airmen;
- merges base level and wholesale logistics systems;
- implements CINC57 and CINC 129;
- measurably improves synchronization of operations/logistics planning and execution;
- significantly improves command and control;
- provides near real-time worldwide visibility of assets;
- enables improved availability of mission critical weapon systems;
- supports expeditionary and in garrison operations with seamless peace to wartime operations; and

- delivers \$644M in savings over the FYDP
 - \$320M in net savings within the FYDP
 - \$100M annually beyond current program

How can I learn more about ECSS?

For more information, we invite you to visit our website at:

<https://www.my.af.mil/>

AF Home > AF Transformation Initiatives > eLog21

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